

# Receiving Report

Date: 11/07/12

Batch No: M117683

Supplier: JAYCOSE/INWAP

Dart P/O: 14008

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order 11/07/12 ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 11/07/12  
 Date [Signature]  
 Received/Costing [Signature]  
 Initial [Signature]

Location

## B I L L O F L A D I N G

No: PEC 709926

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 09May11 at 7:47 From PFW  
 Probill  
 Via VIM TRANSFER TRUCK  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-328930- 1 Your PO # PO14008  
 Part # M174R0.75 Rel #  
 STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
 .750" DIA X 144.0000"

Heat Number  
153378

Tag No  
 192052

Quantity  
36 FT

PCS  
 3

Wt LBS  
 54

TOTAL: Tags 1 PCS 3 LBS 54

Heat Number  
 153378

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

TOTAL 1 BDL G.W. 60 LBS;

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

MTR

15:48 15:58

16:01

AIH

1 PLANCHE

R-229

## B I L L O F L A D I N G

No: PEC 709926

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

Ship Date 09May11 at 7:47 From PFW  
Probill  
Via VIM TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
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CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905 738 9033

Ship Date: 09 May 11 at 7:47 From PFW  
Probill  
Via VIM TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0-0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: (20115)  
DART AEROSPACE

Ship To: (1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE  
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Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
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ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

750" DIA X 144.0000"

PART NO. M174R0.75

PO/Ref PO14008

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-709926-001

9May11

Signed by: Karen

Pg 1/2

### CERTIFICATE OF TESTS

CERT SERIAL# 000755587



**TALLEY METALS**  
A Carpenter Company

Talley Metals Technology, Inc.

205 Talley Metals Lane

McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11

CUSTOMER / BESTELLER / CLIENT

### ABNAHMEPRUEFZEUGNIS

### CERTIFICAT DE CONTROLE

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

SELLER / VERKÄUFER / VENDEUR PAGE 1 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6 , CANADA

TALLEY METALS TECH, INC.

ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE , SC 29551

CUSTOMER ORDER NO./BESTELL.-NR./N° DE COMMANDE	CARPENTER NO./WERKS.-NR./N° DE REFERENCE INTERNE	DATE/DATE/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE:

153378

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH

SPECIFICATION: TALLEY 17-4T3A CAP OF H900

AMS 2303 REV E (10/ /01)

AMS 2315 REV F (01/ /08)

AMS 5643 REV R (02/ /08)

ASTM-A484-09

ASTM-A564-04 (2009)

ASME-SA564 2007 EDITION-09B ADDENDA AISI 630

UNS S17400

SIZE 0.750000 IN. ( 19.05 MM) RD BAR

PRIMARY HEAT CHEMISTRY (WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	MN (XRF)	SI (XRF)	P (XRF)	S (COM)	CR (XRF)
0.031	0.85	0.44	0.021	0.025	15.23
NI (XRF)	MO (XRF)	CU (XRF)	N (FUS)	CB (XRF)	TA (XRF)
4.28	0.17	3.68	0.049	0.25	LT .02

CB+TA  
0.27

THIS HEAT MELTED BY THE ARC/AOD PROCESSES

THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL REVISION 29, DATED 09/01/10.

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED, HBW - 311 (MIDRADIUS)

MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0  
\*\*\*FERRITE TESTING PERFORMED BY LTI UNKNOWN

MICROSTRUCTURE - FERRITE - NONE

SOLUTION ANNEALED - 1900 F, 1 HOUR - RAPID COOL

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.  
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die angegebenen Daten oder Zertifizierungen.  
Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne.

# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

DART AEROSPACE

PO/Ref: PO14008

BL PEC-709926-001

9May11

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Pg 2/2

750" DIA X 144.0000"  
PART NO. M174R0.75

### CERTIFICATE OF TESTS

### ABNAHMEPRUEFZEUGNIS

### CERTIFICAT DE CONTROLE

CERT SERIAL# 000755587



**TALLEY METALS**  
A Carpenter Company

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11

CUSTOMER/BESTELLER/CLIENT

SELLER/VERKÄUFER/VENDEUR PAGE 2 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6 , CANADA

TALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE , SC 29551

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COLLEE: 153378

CAPABILITY

900 F ( 482 C ), 01 HR AIR COOL

YIELD STRENGTH, (0.20 %) KSI (MPA)	211.0 ( 1455 )
TENSILE STRENGTH, KSI (MPA)	212.0 ( 1462 )
ELONGATION IN 1.40", %	11.0
REDUCTION OF AREA, %	51.0
HARDNESS , HBW	418.0

( CONVERTED FROM TENSILE STRENGTH )

NO WELD REPAIR PERFORMED  
MATERIAL PRODUCED ON THIS ORDER WAS MELTED AND MANUFACTURED IN THE U.S.A.  
MATERIAL HAS BEEN MELTED IN USA OR QUALIFYING COUNTRY TO DFARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.  
WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204 (DIN50049)

STEPHANIE E. MCCULLUM  
QUALITY ASSURANCE ENGINEER  
CARPENTER TECHNOLOGY CORPORATION

*Stephanie E. McCullum*

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.  
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen.  
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## B I L L O F L A D I N G

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 709926  
 Ship Date 09May11 at 7:47 From PFW  
 Probill  
 Via VIM TRANSFER TRUCK  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-328930- 1 Your PO # PO14008  
 Part # M174R0.75 Rel #  
 STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
 .750" DIA X 144.0000"

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
153378	192052	36 FT	3	54

TOTAL:	Tags	PCS	LBS
	1	3	54

Heat Number \*\*\* Chemical Analysis \*\*\*  
 153378

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA **FIXED**  
 \*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

TOTAL 1 BDL G.W. 60 LBS;

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
 \*\*\*\*\* TEL. 800-926-2600 \*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*  
 \* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT  
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
 RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

## B I L L O F L A D I N G

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

No: PEC 709926  
Ship Date 09May11 at 7:47 From PFW  
Probill  
Via VIM TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE



# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

DART AEROSPACE

FORM: PO14008

BL PDC-200926-001

9May11

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by: KAREN

Pg 1/2

750" DIA X 144.0000"  
PART NO. M174R0.75

### CERTIFICATE OF TESTS CERT SERIAL# 000755587



**TALLEY METALS**  
A Carpenter Company

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
McBee, SC 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11

CUSTOMER/BESTELLER/CLIENT

### ABNAHMEPRUEFZEUGNIS

### CERTIFICAT DE CONTROLE

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
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SELLER/VERKÄUFER/VEHDEURPAGE 1 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6 , CANADA

TALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE , SC 29551

CUSTOMER ORDER NO./BESTELL.-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° UL REFERENCE (INTERNE)	DATE/DATE/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 153378

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH

SPECIFICATION: TALLEY 17-4T3A CAP OF H900

AMS 2303 REV E (10/ /01)  
AMS 2315 REV F (01/ /08)  
AMS 5643 REV R (02/ /08) UNS S17400  
ASTM-A484-09  
ASTM-A564-04 (2009)  
ASME-SA564 2007 EDITION-09B ADDENDA AISI 630

SIZE 0.750000 IN. ( 19.05 MM) RD BAR

PRIMARY HEAT CHEMISTRY (WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	MN (XRF)	SI (XRF)	P (XRF)	S (COM)	CR (XRF)
0.031	0.85	0.44	0.021	0.025	15.23
NI (XRF)	MO (XRF)	CU (XRF)	N (FUS)	CB (XRF)	TA (XRF)
4.28	0.17	3.68	0.049	0.25	LT .02

CB+TA  
0.27

THIS HEAT MELTED BY THE ARC/AOD PROCESSES  
THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS  
OPERATIONS QUALITY PROGRAM MANUAL REVISION 29, DATED 09/01/10.

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED, HBW - 311 (MIDRADIUS)

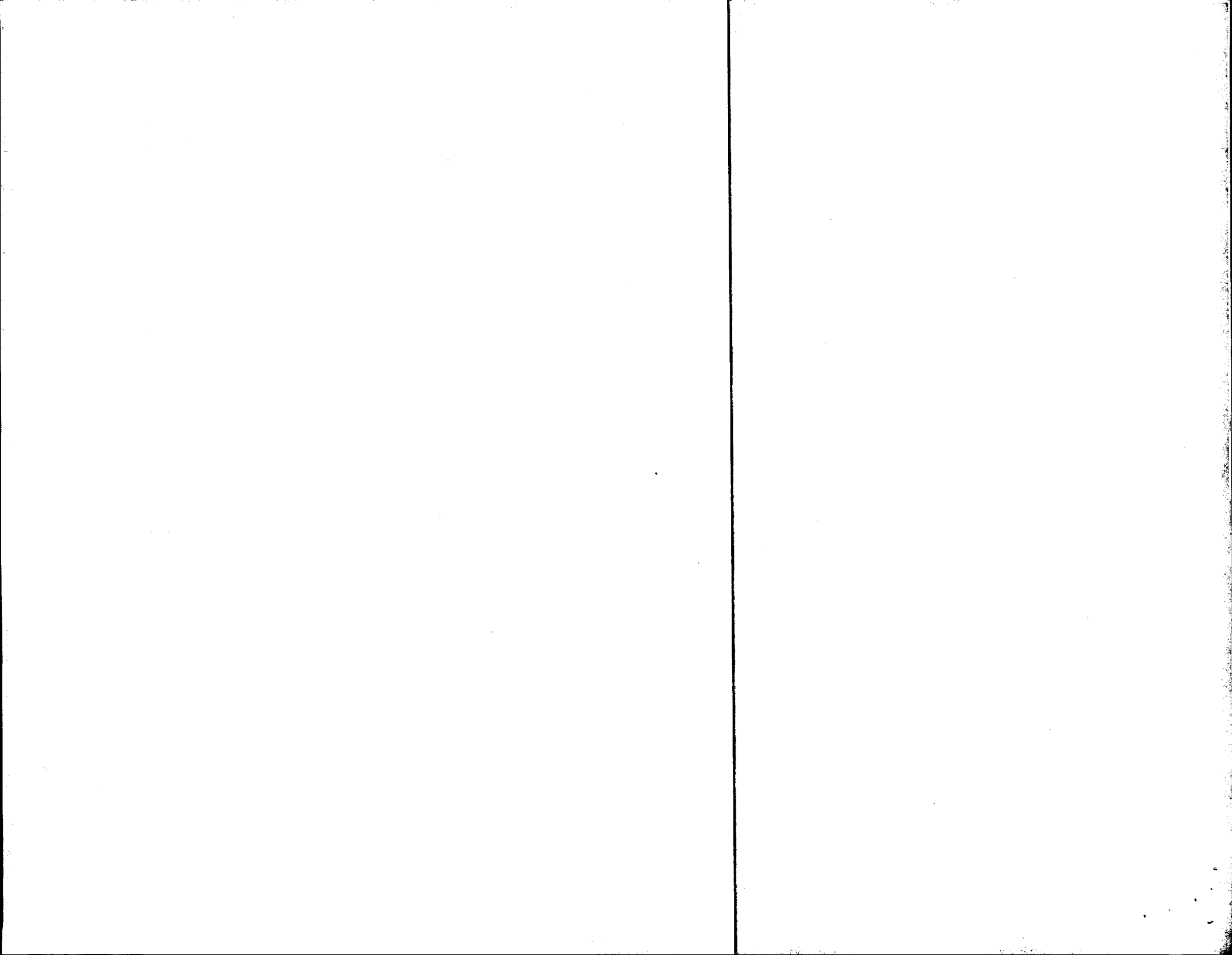
MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0  
\*\*\*FERRITE TESTING PERFORMED BY LTI UNKNOWN

MICROSTRUCTURE - FERRITE - NONE

SOLUTION ANNEALED - 1900 F, 1 HOUR - RAPID COOL

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.  
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keine Haftung für die ausgetragenen Daten oder Zertifizierungen.  
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# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

DART AEROSPACE

PO/Ref: P014006

BL-PBC-700926-001

May 11

STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
750" DIA X 146.0000"We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by

Pg 2/2

PART NO. MT74R0.75

### CERTIFICATE OF TESTS

CERT SERIAL# 000755587


**TALLEY METALS**  
A Carpenter Company

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
McHes, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11  
CUSTOMER/BESTELLER/CLIENT

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SELLER/VERKAUFER/VEHDEUR PAGE 2 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6, CANADA

TALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE, SC 29551

CUSTOMER ORDER NO./BESTELL.-NR./N° DE COMMANDE	CARPENTER CO./WERKS.-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULÉE: 153378

## CAPABILITY

900 F ( 482 C ), 01 HR AIR COOL

YIELD STRENGTH, (0.20 %) KSI (MPA) 211.0 ( 1455 )  
TENSILE STRENGTH, KSI (MPA) 212.0 ( 1462 )  
ELONGATION IN 1.40", % 11.0  
REDUCTION OF AREA, % 51.0  
HARDNESS, HBW - 418.0

(CONVERTED FROM TENSILE STRENGTH)

NO WELD REPAIR PERFORMED

MATERIAL PRODUCED ON THIS ORDER WAS MELTED AND MANUFACTURED IN THE U.S.A. MATERIAL HAS BEEN MELTED IN USA OR QUALIFYING COUNTRY TO DFARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009. WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204 (DIN50049)

STEPHANIE E. MCCULLUM  
QUALITY ASSURANCE ENGINEER  
CARPENTER TECHNOLOGY CORPORATION

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO14008

Purchase Order Date 5/4/2011

PO Print Date 5/6/2011

Page Number 1 of 1

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Contact Name  
Vendor Phone 905 669 9444  
Vendor Fax 905 738 9033  
Vendor Account Nbr

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

PAID  
C/L 11/10/2011

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174R0.750	17-4 round bar .750	5/10/2011 Yes	36.00 f	Yours ppd	\$6.2800	\$226.08
		Special Inst:	MATERIAL: 17-4 PH /S17400/ TYPE 630 SS ROUND BAR AS PER AMS 5643/ASTM A564				
PO Total:							\$226.08

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 3

Change Date: 5/6/2011

CL

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Q U O T A T I O N

No: PEC ST-328796

Quoted By:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Quoted Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Qtd 06May11 Qte Ref  
 Frt PREPAID Via FOB  
 Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL  
 Slp STAN IVERS (905-532-1350)

Q U O T A T I O N

QT No: PEC ST-328796

Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL ROUND BAR 17-4 STAINLESS	3 PCS	53 LBS
.750" DIA X 144.0000"		36 FT
MATERIAL	36 FT @	6.2800 FT
ENERGY & CAP SURCHG	20.0000 LOT	226.08
		20.00

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\* CUSTOMER PICK-UP HOURS \*\*\*

\*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL!!!! \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.\*\*\*

Order Totals: 1 Items 53 LBS

\*\*\*\*\*

Material	Processing	Freight	Other	Taxes	ORDER AMT
226.08			20.00	31.99	278.07

\*\*\*\*\*

Taxes: ONHSTS	31.99	0.00	0.00	0.00
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TRANSMISSION VERIFICATION REPORT

TIME : 05/06/2011 10:00  
NAME :  
FAX :  
TEL :  
SER.# : F9N212739

DATE, TIME	05/06 10:00
FAX NO./NAME	19057389033
DURATION	00:00:19
PAGE(S)	01
RESULT	OK
MODE	STANDARD
	ECM



## Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO14008	1		M174R0.750	f	5/10/2011	5/12/2011	36.0000	\$6.28	0.0000	0	\$226.08
CAD	No		17-4 round bar .750	f	36.0000	DESJ02		\$226.08	0.0000	0	
			117683								
									Total Received Quantity:		36.0000
									Total Qty to Inspect (PO U/M):		0.0000
									Total Reject Quantity:		0.0000
									Total Receipt Value:		\$226.08
									Total Balance Due Quantity:		0.0000